## WHAT IS CLAIMED IS:

1 1. A composition for preventing or reducing skin aging and wrinkling, which comprises at least one matrix metalloproteinase inhibitor (MMPI) and at least 2 one estrogen or phytoestrogen. 3 2. The composition according to claim 1 further comprising a cosmetically or 1 pharmaceutically acceptable topical carrier. 2 The composition according to claim 1 wherein said MMPI is Ilomastat. 1 3. 4. The composition according to claim 1 wherein said estrogen or 1 phytoestrogens is a plant extract, a purified phytoestrogen, a synthetic 2 phytoestrogen, a natural estrogen, or a synthetic estrogen. 3 5. The composition according to claim 4 wherein the plant extract is black 1 cohosh extract. 2 3 6. The composition according to claim 1 wherein the phytoestrogen is a 4 triterpenoid glycoside. 5 7. The composition according to claim 1 wherein the molar ratio of MMPI to 1 estrogen or phytoestrogens is between about 1000:1 to about 1:1000, 100:1 to 2 about 1:100, 10:1 to about 1:10, and about 1:1. 3 8. The composition according to claim 1 comprising a concentrations of about 1 2 10 ng/mL to about 100 mg/mL of the MMPI and estrogen or phytoestrogen. 3 9. The composition according to claim 1 further comprising compounds active at blocking UVA and UVB radiation. 5

1	10.	A composition comprising Ilomostat and a triterpenoid glycoside in an
2		amount effective to treat, prevent, or reverse aging of skin.
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4	11.	A composition comprising Ilomastat and a triterpenoid glycoside in an amoun
5		effective to treat, prevent, or reverse photoaging of skin.
6		
7	12.	A composition comprising Ilomastat and a triterpenoid glycoside in an amoun
8		effective to treat, prevent or reverse smoking induced wrinkling and fine lines
9		in living human skin.
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1	13.	A method for minimizing the adverse effects of aging on skin comprising
2		contacting said skin with (a) a matrix metalloproteinase inhibitor, MMPI, and
3		(b) an estrogen or phytoestrogen.
1	14.	The method according to claim 13 wherein said contacting is conducted at
2		least once every twenty-four hours for the entire period during which said
3		minimizing of the adverse effects of aging on skin is conducted.
1	15.	The method according to claim 13 wherein said contacting is conducted prior
2		to exposure to sunlight.
3		·
4	16.	The method according to claim 15 wherein said method further comprises
5		contacting the skin with compounds which block UVA and UVB.
6		·
7	17.	The method according to claim 13 wherein said contacting comprises
8		administering said MMPI and estrogen or phytoestrogen in a dermal
9		preparation.
1	18.	The method according to claim 17 wherein said dermal preparation comprises
2		about 40% by weight of water; up to about 35% by weight, of a permeation
3		enhancing compound selected from the group consisting of dibutyl adipate,

4		isopropyl myristate and combinations thereof; up to about 15% by weight of a
5		fatty alcohol; and one or more emollients or moisturizing humectants.
1	19.	The method according to claim 13 for treating wrinkling in post-menopausal
2		women.
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4	20.	The method according to claim 13 for treating wrinkling in pre-menopausal
5		women.
1	21.	The method according to claim 13 for treating wrinkling in men.
1	22.	The method according to claim 13 which comprises repeatedly performing
2		said contacting over an extended period of time.
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1	23.	A method for minimizing, treating, reversing or avoiding the adverse effects
2		of smoking or smoke exposure on skin comprising contacting said skin with
3		(a) a matrix metalloproteinase inhibitor, MMPI, and (b) an estrogen or
4		phytoestrogen.